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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/800,036	03/15/2004	Seok Dong Kang	YHK-0089.1	6860
34610	7590	04/03/2006	EXAMINER	
FLESHNER & KIM, LLP P.O. BOX 221200 CHANTILLY, VA 20153			PATEL, VIP	
		ART UNIT		PAPER NUMBER
				2879

DATE MAILED: 04/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	10/800,036	KANG, SEOK DONG
Examiner	Art Unit	
Vip Patel	2879	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply .

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is **FINAL**.                            2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) 1-14 and 16-20 is/are allowed.
- 6) Claim(s) 15 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_\_

### **Withdrawal of Allowance**

Due to the prior art references cited below (see 35 USC 103 rejection and other prior art cited), last office action (notice of allowance) dated 11-17-05 is withdrawn.

### **Claim Rejections - 35 USC § 103**

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over admitted prior art and Ha et al (US 6433477).

Admitted prior art discloses a plasma display panel (figures 1 and 4) comprising a transparent electrode (12z), a metal bus electrode (13z), a first light-shielding layer (28) formed between the transparent electrode and the metal bus electrode on each discharge cell.

The admitted prior art does not teach the claimed second light-shielding layer formed between adjacent cells.

However, in the same field of endeavor, Ha discloses such a second light-shielding layer (100 of figure 5) formed between adjacent cells. Ha's second light-shielding layer restricts a discharge current between electrodes and prevents contrast deterioration. Thus, it would have been obvious, at the time the invention was made, to a person having ordinary skill in the art to provide a second light-shielding layer

between adjacent cells as taught by Ha in the prior art's device for the purpose of restricting a discharge current between electrodes and preventing contrast deterioration.

### **Allowable Subject Matter**

Claims 1-14 and 16-20 are allowed. Claims 1-14 and 16-20 are allowable since the prior art of record does not teach the first light-shielding layer and the second-light shielding layer that different from each other in at least one of a thickness and a concentration of pigments in combination with remaining features of claim 1. Prior art of record also does not teach the first and the second light shielding layers having a different light-shielding ratio from each other in combination with other remaining features of claim 16.

### **Other Prior Art Cited**

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Koshio et al, in US 6465956, disclose a plasma display panel showing a light shielding layer (15') between adjacent cells.

### Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vip Patel whose telephone number is (571) 272-2458. The examiner can normally be reached on Monday-Thursday. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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PRIMARY EXAMINER  
ART UNIT 2879